

0203 WJC

43174 Business Park Drive, Suite 103
Temecula, CA
92590p| 951.506.1488
f| 951.506.1491

kleinfelder.com

November 13, 2008
Kleinfelder Project No. 98427Ms. Thizar Tintut-Williams
California Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, California 90013Geotracker Report Upload
Confirmation Number: 6387115955
for Mobil Jalk Fee Property**Subject: Former Jalk Fee Property
10607 Norwalk Boulevard
Santa Fe Springs, California****SLIC No. 203**

Dear Ms. Tintut-Williams:


Enclosed is the *2008 Annual Groundwater Monitoring Report* for the subject location prepared for ExxonMobil Environmental Services Company on behalf of ExxonMobil Production Company (ExxonMobil) by Kleinfelder West, Inc. The contents of this report include:

Summary Sheet

- Exhibit 1 --- Monitoring Well Sampling Schedule
- Exhibit 2 --- Groundwater Elevations and Chemical Analysis Table---Current vs. Prior Event
- Exhibit 3 --- Groundwater Elevations and Chemical Analysis Table---Historical
- Exhibit 4 --- Oxygenates Analysis
- Exhibit 5 --- Additional Analytes
- Exhibit 6 --- Plates
- Exhibit 7 --- Graphs Showing Groundwater Elevations and Benzene Concentrations vs. Sample Date
- Exhibit 8 --- Well Purging and Groundwater Sampling Protocol
- Exhibit 9 --- Limitations
- Exhibit 10 --- Monitoring Well Sampling Forms
- Exhibit 11 --- Analytical Laboratory Data Sheets

Based on the historical and 2008 annual groundwater sampling results, on behalf of ExxonMobil, Kleinfelder respectfully requests groundwater closure for the site. Data demonstrates hydrocarbon-affected soil and groundwater relating to former Mobil Oil field operations have been remediated.

Should you have any questions, please contact Mr. Jeffrey Hensel, Kleinfelder, at (951) 506-1488.

Respectfully submitted,
KLEINFELDER WEST, INC.
Jeffrey Hensel, PG, REAI
Project Managercc: Mr. Greg Chila, The O'Donnell Group (electronic)
Mr. Thomas Clark, Clark Holdings, LLC (electronic)
Mr. Frank Serrapere, ExxonMobil Environmental Services Company



TRANSMITTAL

To: Ms. Thizar Tintut-Williams
California Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013

Date: November 13, 2008
Reference No: TEME8R245
Copies to: 1
Project No. 98427

RECEIVED
2008 NOV 14 AM 10 29
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 WEST 4TH STREET, SUITE 200
LOS ANGELES, CA 90013

Subject: Groundwater Monitoring Report

We are sending the following: ☒ Attached ☐ Under separate cover

Annual 2008 Groundwater Monitoring Report for Former Jalk Fee Property.

Via:

- ☒ Messenger/Courier
- ☐ First Class Mail
- ☐ FedEx
- ☐ United Parcel
- ☐ DHL
- ☐ Lone Star Overnight
- ☐ Freight
- ☒ Other – Geotracker

Transmitted:

- ☐ As Requested
- ☐ For Approval
- ☒ For Your Use
- ☐ For Review & Comment

Remarks:

If you have questions please contact
Mr. Frank Serrapere at ExxonMobil
Environmental Services Company,
(281) 654-8460.

By: Shirley Griffin



2008 Annual Groundwater Monitoring Report

Former Jalk Fee Property
10607 Norwalk Boulevard
Santa Fe Springs, California

Summary Sheet

Case: SLIC #203

Number of water zones:		1	
FIELD ACTIVITY:		Date sampled: 10/24/08	
Number of groundwater wells on-site:	2	Groundwater wells monitored:	2
Number of groundwater wells off-site:	0	Groundwater wells sampled:	2
		Groundwater wells with measurable LPH:	0
		Site Status:	Monitoring
SITE HYDROGEOLOGY:			
Average depth to groundwater below ground surface:		84.66 feet	
Average elevation of potentiometric surface above mean sea level:		47.73 feet	
Average change in groundwater elevations since last sampling episode:		(4.33) feet	
Average flow direction and hydraulic gradient (historical):		South-southwest, 0.003 ft/ft	
GROUNDWATER HYDROCARBON CONCENTRATION (BENZENE MCL = 1.0 ppb):			
Wells containing measurable LPH:	0	Range in thickness of LPH:	0.00 foot
Number of wells with concentrations below MCL:	*2	Volume of LPH recovered this period:	0.00 gallon
Number of wells with concentrations at or above MCL:	0	Volume of LPH recovered to date:	0.00 gallon
Number of wells with reporting limit greater than MCL:	0	Range in concentrations:	Not Detected
GROUNDWATER HYDROCARBON CONCENTRATION (METHYL tert-BUTYL ETHER MCL = 13.0 ppb):			
Number of wells with concentrations below MCL:	2		
Number of wells with concentrations at or above MCL:	0		
Number of wells with reporting limit greater than MCL:	0	Range in Concentrations:	Not Detected
ADDITIONAL INFORMATION:			
ExxonMobil remediated crude oil affected soil and received soil closure in 2001.			
Chlorinated hydrocarbons detected not related to former Mobil oil field operations. Suspected sources include regional plume and/or property to the south. Chlorinated hydrocarbon results consistent with historical data.			
Based on the historical and 2008 annual groundwater sampling results, on behalf of ExxonMobil, Kleinfelder respectfully requests groundwater closure for the site.			
Data demonstrates hydrocarbon-affected soil and groundwater relating to former Mobil oil field operations have been remediated.			
During the 2008 sampling event, concentrations of 1,2,3-trichlorobenzene and 1,2,4-trichlorobenzene were detected at 0.61 J µg/L and 0.53 J, respectively, in the associated method blank.			
LPH = Liquid-phase hydrocarbons			
MCL = Maximum contaminant level			
ft/ft = Foot vertical per foot horizontal			
ppb = Parts per billion			
Parenthesis indicate a negative value.			
*Laboratory reporting limit exceeded MCL for Monitoring Well MMW-5 sample.			
This work has been performed under the supervision of the undersigned California Professional Geologist.			

Prepared by:

Shirley Griffin
Shirley Griffin

Kleinfelder Project:

Approved by:

Jeffrey Hehsel
Jeffrey Hehsel, California PG 5759

Submittal Date:

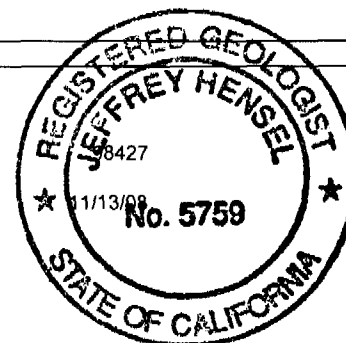


Exhibit 1

Monitoring Well Sampling Schedule

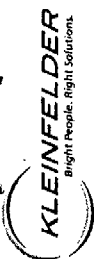
Monitoring Well Sampling Schedule

Former Jalk Fee Property

Well Number	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Geotracker Field Point Name	Global ID
MMW-04				X	MMW-4	SL184801463
MMW-05				X	MMW-5	SL184801463

Exhibit 2

Groundwater Elevations and Chemical Analysis Table---Current vs. Prior Event



Groundwater Elevations and Chemical Analysis Table---Current vs. Prior Event

Former Jalk Fee Property

Well No. and Elevation (ft-msl)	Date Sampled	Depth to Groundwater (feet)	Groundwater Elevation (ft-msl)	Change in Elevation (feet)	LPH Thickness (feet)	TPH-g [1] µg/L (ppb)	Benzene [2] µg/L (ppb)	Toluene [2] µg/L (ppb)	Ethyl- benzene [2] µg/L (ppb)	Total Xylenes [2] µg/L (ppb)	Methyl tert- Butyl Ether [2] µg/L (ppb)
MMW-4	12/21/07	79.73	51.67		0.00	--	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0
131.40	10/24/08	84.13	47.27	(4.40)	0.00	--	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0
MMW-5	12/21/07	80.94	52.44		0.00	--	ND<2.5#	ND<5.0	ND<5.0	ND<5.0	ND<5.0
133.38	10/24/08	85.19	48.19	(4.25)	0.00	--	ND<2.5#	ND<5.0	ND<5.0	ND<5.0	ND<5.0

Notes:

[1] SW-846 Method 8015B
 [2] EPA Method 8260B
 ND = Not detected
 -- = Not analyzed
 LPH = Liquid-phase hydrocarbons
 µg/L = Micrograms per liter

ft-msl = Feet above mean sea level
 TPH-g = Total petroleum hydrocarbons as gasoline
 ppb = Parts per billion
 # = Laboratory reporting limit exceeded MCL

Exhibit 3

Groundwater Elevations and Chemical Analysis Table---Historical

**Groundwater Elevations and Chemical Analysis Table---Historical
Former Jalk Fee Property**

Well No. and Elevation (ft-msl)	Date Sampled	Depth to Groundwater (feet)	Groundwater Elevation (ft-msl)	Change in Elevation (feet)	LPH Thickness (feet)	TPH-g [1] µg/L (ppb)	Benzene [2] µg/L (ppb)	Toluene [2] µg/L (ppb)	Ethyl- benzene [2] µg/L (ppb)	Total Xylenes [2] µg/L (ppb)	Methyl tert- Butyl Ether [2] µg/L (ppb)
MMW-3 134.26	06/06/00	70.69	63.57	NA	0.00	ND<500	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<1.0
	08/31/00	70.67	63.59	0.02	0.00	ND<500	ND<0.50	ND<1.0	ND<1.0	ND<2.0	1.9
	11/28/00	71.49	62.77	(0.82)	0.00	--	ND<0.50	ND<1.0	ND<1.0	ND<2.0	7.0
	03/05/01	71.30	62.96	0.19	0.00	--	ND<0.50	ND<1.0	ND<1.0	ND<2.0	7.6
	06/12/01	70.07	64.19	1.23	0.00	--	3.7	5.7	1.4	5.3	13
Well Abandoned											
MMW-4 131.40	06/06/00	70.46	60.94	NA	0.00	ND<500	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<1.0
	08/31/00	70.58	60.82	(0.12)	0.00	ND<500	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<1.0
	11/28/00	71.28	60.12	(0.70)	0.00	--	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<1.0
	03/05/01	71.02	60.38	0.26	0.00	--	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<1.0
	06/12/01	69.81	61.59	1.21	0.00	--	13	12	2.1	7.9	1.2
	12/23/03	78.38	53.02	(8.57)	0.00	--	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<1.0
	12/21/04	84.73	46.67	(6.35)	0.00	--	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<1.0
	12/02/05	79.01	52.39	5.72	0.00	--	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<1.0
	12/19/06	76.66	54.74	2.35	0.00	--	ND<0.50	0.54 J,B	ND<1.0	ND<1.0	ND<1.0
	12/21/07	79.73	51.67	(3.07)	0.00	--	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	10/24/08	84.13	47.27	(4.40)	0.00	--	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0
MMW-5 133.38	06/06/00	71.79	61.59	NA	0.00	ND<500	ND<2.5	ND<5.0	ND<5.0	ND<10	ND<5.0
	09/15/00	71.86	61.52	(0.07)	0.00	136	ND<2.5	ND<5.0	ND<5	ND<10	ND<5
	11/28/00	72.58	60.80	(0.72)	0.00	--	ND<2.5	ND<5.0	ND<5	ND<10	ND<5
	03/05/01	72.47	60.91	0.11	0.00	--	ND<2.5	ND<5.0	ND<5.0	ND<10	ND<5.0
	06/12/01	71.29	62.09	1.18	0.00	--	1.3	2.3	ND<2.0	ND<4.0	ND<2.0
	12/23/03	79.72	53.66	(8.43)	0.00	--	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	12/21/04	86.02	47.36	(6.30)	0.00	--	ND<5.0	ND<10	ND<10	ND<10	ND<10
	12/02/05	80.69	52.69	5.33	0.00	--	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	12/19/06	78.29	55.09	2.40	0.00	--	ND<0.50	0.64 J,B	ND<1.0	ND<1.0	ND<1.0
	12/21/07	80.94	52.44	(2.65)	0.00	--	ND<2.5#	ND<5.0	ND<5.0	ND<5.0	ND<5.0
	10/24/08	85.19	48.19	(4.25)	0.00	--	ND<2.5#	ND<5.0	ND<5.0	ND<5.0	ND<5.0
Notes: [1] EPA Method 8015M (California DHS LUFT Method) or SW-846 Method 8015B [2] EPA Method 8260B Parentheses indicate a negative value. LPH = Liquid-phase hydrocarbons B = Analyte was present in the associated method blank NA = Not applicable ND = Not detected -- = Not analyzed bgs = Below ground surface J = Estimated value TPH-g = Total petroleum hydrocarbons as gasoline ft-msl = Feet above mean sea level ppb = Parts per billion µg/L = Micrograms per liter # = Laboratory reporting limit exceeded MCL											

Exhibit 4
Oxygenates Analysis

Oxygenates Analysis
Former Jalk Fee Property



Well Number	Date Sampled	Methyl tert-Butyl Ether µg/L (ppb)	Diisopropyl Ether µg/L (ppb)	Ethyl tert-Butyl Ether µg/L (ppb)	tert-Amyl Methyl Ether µg/L (ppb)	tert-Butyl Alcohol µg/L (ppb)	Ethanol µg/L (ppb)	Methanol µg/L (ppb)
MMW-3	06/06/00	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<50	ND<100	ND<100
	08/31/00	1.9	ND<2.0	ND<2.0	ND<2.0	ND<50	ND<100	ND<100
	11/28/00	7.0	ND<2.0	ND<2.0	ND<2.0	ND<50	ND<100	ND<100
	03/05/01	7.6	ND<2.0	ND<2.0	ND<2.0	ND<50	--	--
	06/12/01	13	ND<2.0	ND<2.0	ND<2.0	ND<50	--	--
	Well Abandoned							
MMW-4	06/06/00	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<50	ND<100	ND<100
	08/31/00	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<50	ND<100	ND<100
	11/28/00	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<50	ND<100	ND<100
	03/05/01	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<50	--	--
	06/12/01	1.2	ND<2.0	ND<2.0	ND<2.0	ND<50	--	--
	12/23/03	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<100	--
	12/21/04	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<100	--
	12/02/05	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<100	--
	12/19/06	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<100	--
	12/21/07	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<100	--
MMW-5	10/24/08	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<100	--
	06/06/00	ND<5.0	ND<10	ND<10	ND<10	ND<250	ND<100	ND<100
	09/15/00	ND<5.0	ND<10	ND<10	ND<10	ND<250	ND<100	320
	11/28/00	ND<5.0	ND<10	ND<10	ND<10	ND<250	ND<100	ND<100
	03/05/01	ND<5.0	ND<10	ND<10	ND<10	ND<250	--	--
	06/12/01	ND<2.0	ND<4.0	ND<4.0	ND<4.0	ND<100	--	--
	12/23/03	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<100	--
	12/21/04	ND<1.0	ND<20	ND<20	ND<20	ND<100	ND<1,000	--
	12/02/05	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<100	--
	12/19/06	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<100	--
	12/21/07	ND<5.0	ND<10	ND<10	ND<10	ND<50	ND<500	--
	10/24/08	ND<5.0	ND<10	ND<10	ND<10	ND<50	ND<500	--
Notes: Results analyzed by EPA Method 8260B. Bolded results analyzed by EPA Method 8015B. µg/L = Micrograms per liter -- = Not analyzed ND = Not detected ppb = Parts per billion								

Exhibit 5

Additional Analytes

Additional Detected Analytes
Former Jalk Fee Property



Well Number	Date Sampled	Acetone µg/L (ppb)	Chloroform µg/L (ppb)	Dichlorobenzene µg/L (ppb)	c-1,2- Dichloroethene µg/L (ppb)	1,1- Dichloroethene µg/L (ppb)	1,1- Dichloroethene µg/L (ppb)	1,1- Dichloroethene µg/L (ppb)	1,2- Dichloropropane µg/L (ppb)	PCE µg/L (ppb)	TCE µg/L (ppb)	1,2,3-Tr Chlorobenzene µg/L (ppb)	1,1,1- Trichloroethane µg/L (ppb)	Trichlorofluoro- methane µg/L (ppb)	1,1,2-Trichloro-1,2,2- Tetrafluoroethane µg/L (ppb)	1,2,4-Trime- thylene µg/L (ppb)
MMW-3	08/15/00	ND	ND	ND	ND	ND	ND	ND	ND	4.4	0.5	ND	ND	ND	ND	ND
	09/05/01	5.7 J	ND<1.0	ND	0.65 J	1.5	7.3	7.3	ND<1.0	1.4	20	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	09/12/01	ND<1.0	ND<1.0	ND	ND<1.0	1.9	9.9	9.9	ND<1.0	8.3	22	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	Well Abandoned															
MMW-4	08/31/00	ND	ND	ND	ND	1.9	2.0	2.0	ND<1.0	6.7	17	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	09/05/01	7.3 J	ND<1.0	ND	2.3	2.7	5.4	5.4	ND<1.0	26	27	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	08/12/01	ND<1.0	ND<1.0	ND	2.0	2.6	4.7	4.7	ND<1.0	11	21	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	12/23/03	ND<1.0	ND<1.0	ND	ND<1.0	2.3	8.8	8.8	ND<1.0	16	21	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	12/21/04	ND<1.0	0.23 J	ND	0.83 J	2.4	1.4	1.4	ND<1.0	14	22	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	12/02/05	ND<1.0	ND<1.0	ND	0.71 J	1.8	15	15	ND<1.0	15	17	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	12/18/06	11 J	ND<1.0	ND	0.68 J	1.8	34	34	ND<1.0	8.1	15	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	12/21/07	ND<50	ND<1.0	ND	1.8	3.2	3.2	3.2	ND<1.0	17	23	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0
MMW-5	10/24/08	ND<50	1.3	0.25 J	5.8	4.5	4.5	4.5	ND<1.0	26	27	0.38 J, B	ND<1.0	0.82 J	2.0 J	ND<1.0
	08/15/00	ND	ND	ND	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	09/05/01	62	ND<5.0	ND	4.1 J	3.6 J	61	61	ND<5.0	650	93	ND	ND<5.0	ND<5.0	ND<5.0	ND<5.0
	08/12/01	ND<20	ND<2.0	ND	3.7	3.2	4.2	4.2	ND<2.0	350	44	ND	ND<2.0	ND<2.0	ND<2.0	ND<2.0
	12/23/03	ND<1.0	1.6	ND	61	14	190	190	ND<1.0	660	140	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	12/21/04	ND<100	3.0 J	ND	180	43	370	370	ND<1.0	510	190	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	12/02/05	ND<1.0	1.4	ND	120	33	220	220	ND<1.0	330	110	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	12/18/06	ND<50	1.4	ND	120	37	240	240	ND<1.0	160	100	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0
MMW-6	12/21/07	ND<250	ND<5.0	ND	110	36	190	190	ND<5.0	640	110	ND	ND<5.0	ND<5.0	ND<5.0	ND<5.0
	10/24/08	ND<250	1.8 J	1.2 J	96	29	130	130	ND<5.0	510	100	3.0 J, B	ND<5.0	6.8 J	13 J	ND<5.0

Notes:

Results obtained using EPA Method 8260B.

µg/L = Micrograms per liter

ppb = Parts per billion

ND = Not detected

J = Estimated value

-- = Not analyzed

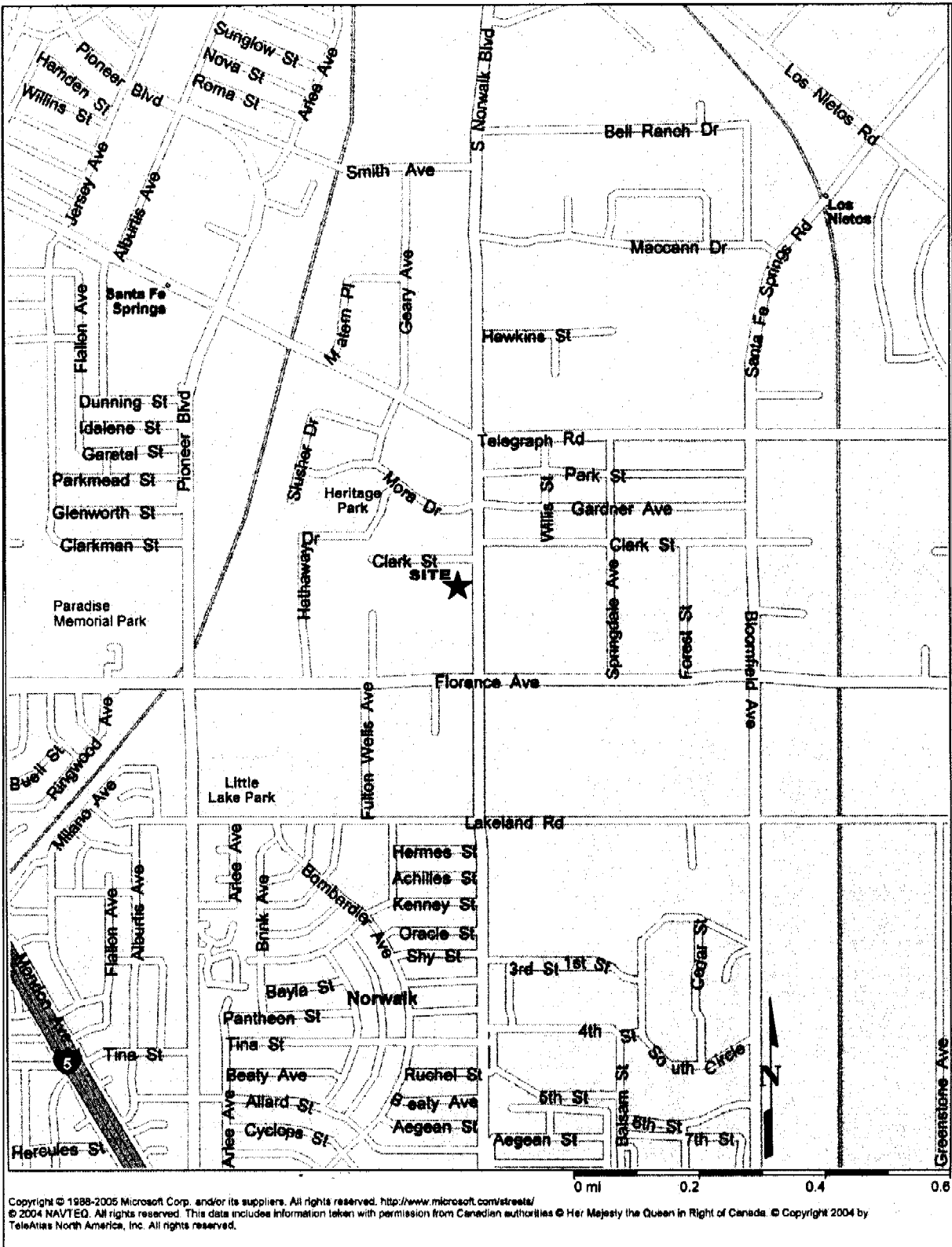
PCE = Tetrachloroethene

TCE = Trichloroethene

B = Analyte was present in the associated method blank

Exhibit 6

Plates



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PROJECT NO. 98427

DRAWN: 11-2008

DRAWN BY: DRD

CHECKED BY:

FILE NAME: JALK FEE

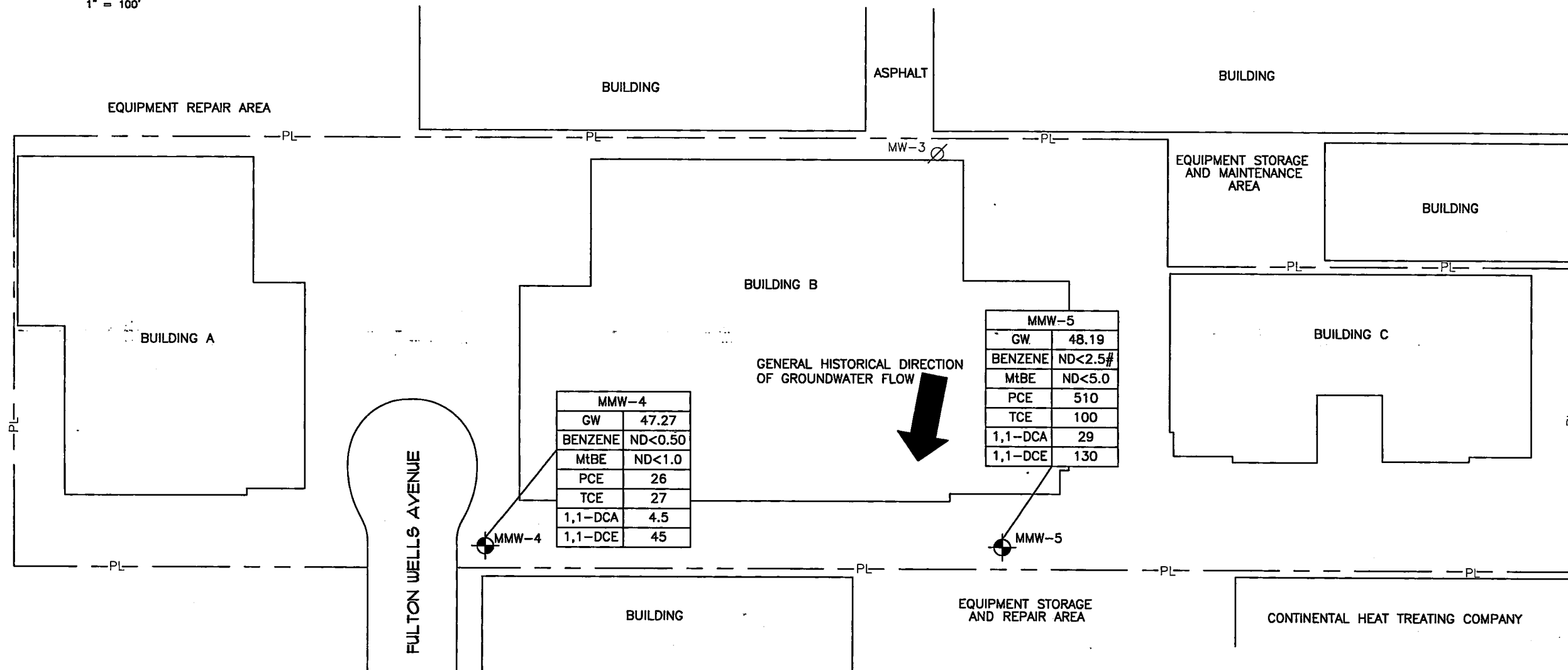
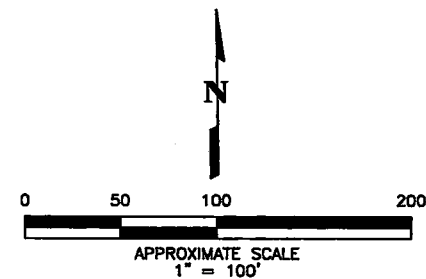
SITE VICINITY MAP

FORMER JALK FEE PROPERTY
10607 NORWALK BOULEVARD
SANTA FE SPRINGS, CALIFORNIA 90670

PLATE

1

ATTACHED IMAGES:
ATTACHED XREFS:
CAD FILE: L:\2008\Cad Groundwater\408\Jalk Fee(408).dwg LAYOUT: Model



LEGEND

MMW-5	GROUNDWATER MONITORING WELL
	GROUNDWATER ELEVATION (feet, msl) AND DISSOLVED-PHASE HYDROCARBON CONCENTRATION (ug/L)
MMW-3	ABANDONED WELL
ND	NOT DETECTED AT INDICATED REPORTING LIMIT
GW	GROUNDWATER
MtBE	METHYL tert-BUTYL ETHER
ug/L	MICROGRAMS PER LITER
#	LABORATORY REPORTING LIMIT EXCEEDED MCL

PCE	TETRACHLOROETHENE
TCE	TRICHLOROETHENE
1,1-DCA	1,1-DICHLOROETHANE
1,1-DCE	1,1-DICHLOROETHENE

MMW-4	
GW	47.27
BENZENE	ND<0.50
MtBE	ND<1.0
PCE	26
TCE	27
1,1-DCA	4.5
1,1-DCE	45

MMW-5	
GW	48.19
BENZENE	ND<2.5#
MtBE	ND<5.0
PCE	510
TCE	100
1,1-DCA	29
1,1-DCE	130

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PROJECT NO. 98427
DRAWN: 11-2008
DRAWN BY: DRD
CHECKED BY: *MA*
FILE NAME: JALK FEE

**DISSOLVED-PHASE HYDROCARBON
CONCENTRATION MAP
OCTOBER 24, 2008**

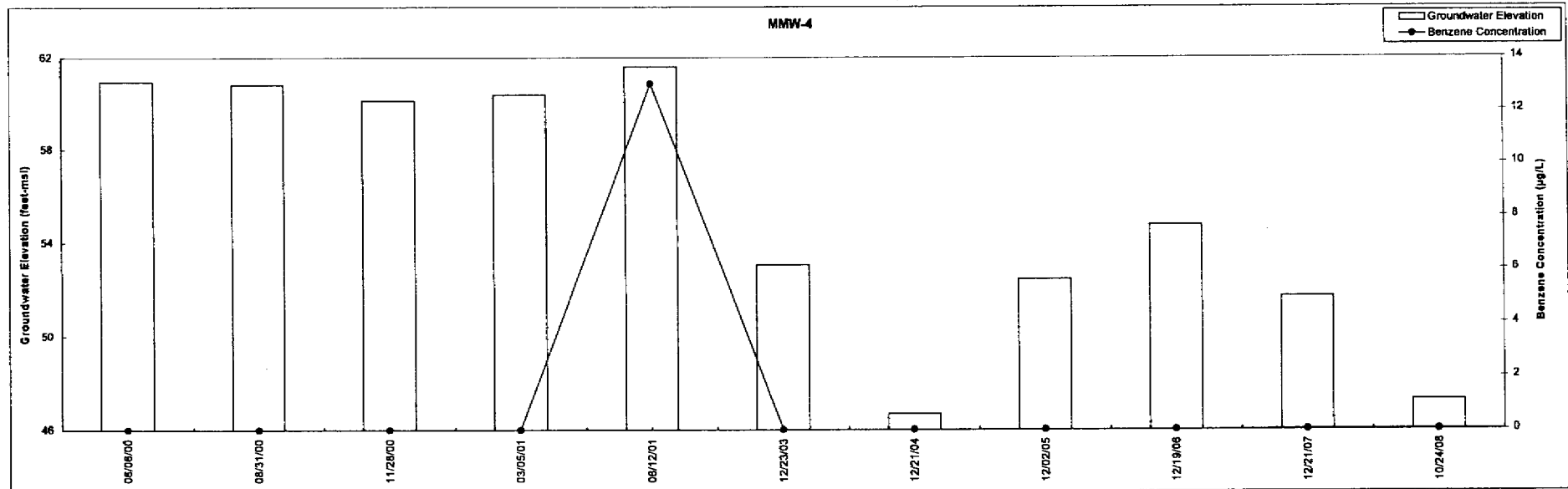
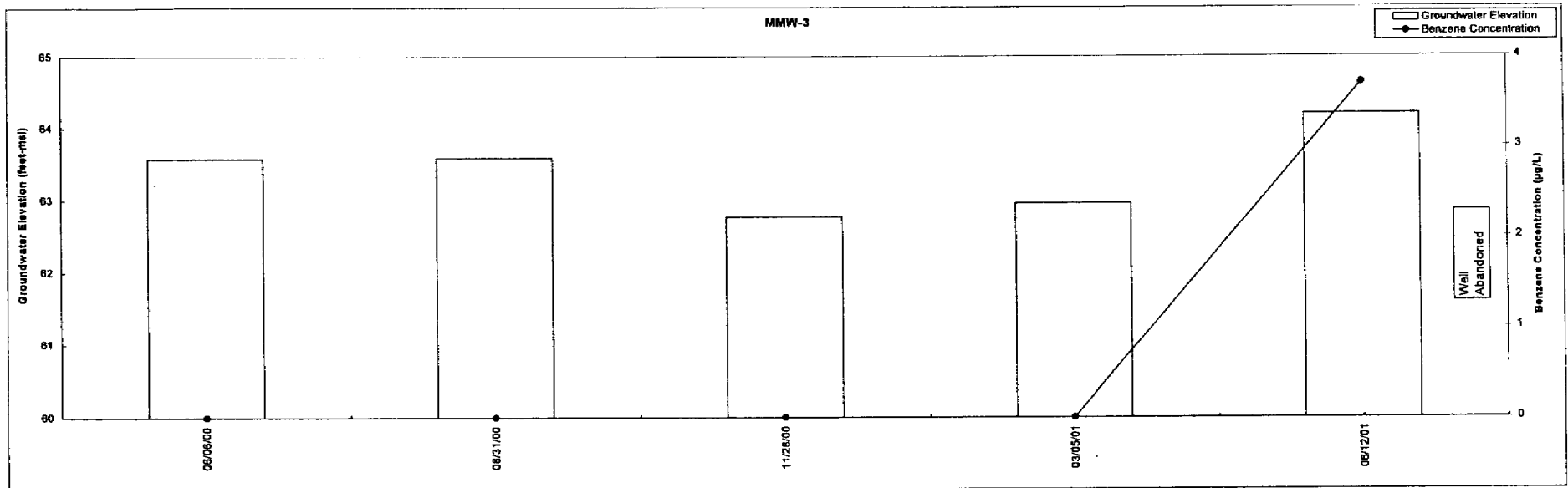
FORMER JALK FEE PROPERTY
10607 NORWALK BOULEVARD
SANTA FE SPRINGS, CALIFORNIA, 90670

PLATE
2

Exhibit 7

**Graphs Showing Groundwater Elevations and Benzene Concentrations vs.
Sample Date**

Groundwater Elevations and Benzene Concentrations vs. Sample Date
Former Jalk Fee Property



Groundwater Elevations and Benzene Concentrations vs. Sample Date
Former Jalk Fee Property

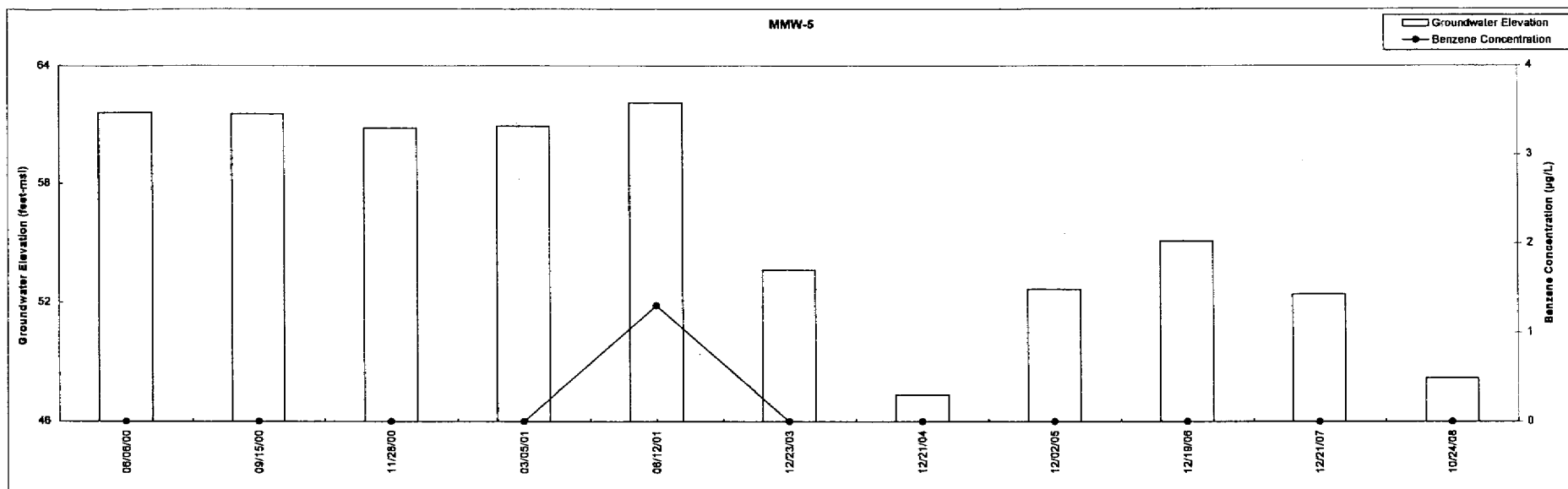


Exhibit 8

Well Purging and Groundwater Sampling Protocol

Exhibit 8

WELL PURGING AND GROUNDWATER SAMPLING PROTOCOL EXXONMOBIL OIL CORPORATION SITES SOUTHERN CALIFORNIA (EXCLUDING SAN DIEGO COUNTY) AND NORTHWEST

Well Head Inspection and Cleanup

1. Inspect well pad for damage and note condition in field log.
2. Open well box lid and inspect well box for damage and presence of debris or fluid. Note condition in field log.
3. Remove debris and fluids from well box prior to unlocking and removing well cap.

Well Measurements and Liquid-Phase Hydrocarbon Contingencies

1. All well measurements will be recorded to 0.01 foot. Depths will be measured from the permanent survey mark on the top of the well casing.
2. Using an oil/water interface probe measure depth to first fluid (liquid-phase hydrocarbons or water), depth to water and well total depth. Record all measurements including liquid-phase hydrocarbon thickness (depth to water - depth to liquid-phase hydrocarbons).
3. Although it is important to periodically determine the condition of groundwater wells by measuring total depth, taking total depth measurements should be avoided if possible on wells that contain liquid-phase hydrocarbons.
4. If measurable liquid-phase hydrocarbons are present (≥ 0.25 foot), remove liquid-phase hydrocarbons to extent possible and do not collect groundwater samples.
5. If no liquid-phase hydrocarbons are present or thickness is < 0.25 foot, purge and sample well.

Purging Procedures

1. If site is to be sampled by no-purge method, ignore sections on purging procedures and recharge measurements.

2. Calculating purge volumes. Purge volumes are based on well volumes which are the volumes of the well casing.

$$WV = (7.48\pi/4) \times CD^2 \times [WD-GW]$$

Where: WV = Well volume (gallons)
CD = Casing Diameter (feet)
WD = Well Depth (feet)
GW = Depth to Groundwater

3. At the start of purging, measure temperature, pH and specific conductance. Additional measurements should be taken after each well volume has been purged. Purging is generally considered complete when temperature, pH and specific conductance stabilize or at least three well volumes have been removed. For slow recharge wells (do not recover to 80% of static depth to water within two hours), purge at least one well volume.
4. Use a vacuum truck, hand bailer or submersible pump to purge wells.
5. Record purging procedures and water quality measurements.

Recharge Measurements

1. Calculate 80% recharge using the following equation:

$$\text{Recharge} = WD - 0.8(WD-GW)$$

Where: 80% Recharge is a depth to water in feet
WD = Well Depth (feet)
GW = Depth to Groundwater (feet)

2. For fast recharging wells, collect samples as soon as 80% recharge occurs and within two hours of completion of purging.
3. For slow recharging wells, collect samples no more than two hours after completion of purging or when sufficient water is present for sampling.

Sample Collection

1. Collect groundwater samples with individually-wrapped, clean, disposable bailers.
2. Bailers should be lowered into water slowly to minimize splash and should not be completely submerged (for analysis of volatile organic compounds).

3. Transfer water from bailer to appropriate sample containers in a manner that does not cause excessive turbulence, aeration, or head space.
4. Seal and label containers, place in sealable, plastic bags and place in a cooler with ice.
5. Fill out proper chain-of-custody forms as samples are collected.

Blank and Duplicate Samples

1. A trip blank consisting of clean water will be provided by the laboratory before sampling activities and will be placed in the cooler with investigative samples and transported to the laboratory for analysis.
2. An equipment blank may be prepared by putting clean water through the sampling apparatus used for investigative sample collection. The equipment blank will be placed in the cooler with investigative samples and transported to the laboratory for analysis.
3. A field duplicate may be prepared by collecting a separate sample from one well and labeling it as a distinct sample. The field duplicate will be analyzed as an investigative sample.

Well Security and Repairs

1. Replace and lock well cap.
2. Perform minor maintenance on well head and well box. Do not use petroleum-based products as cleaners or to lubricate locks.
3. Replace and secure well cover. Note repairs that are required but could not be done at time of sampling.

Decontamination Procedures

1. When taking well measurements or purging, proceed from least to increasing hydrocarbon concentrations when practical. This is a secondary protection against cross-contamination, the primary method to prevent cross-contamination is thorough decontamination.
2. All tools that are placed inside wells (interface probe, hand bailers, submersible pumps, and non-disposable sampling equipment) will be washed in a detergent water solution and rinsed prior to use and before placing in the next well. When

measuring well total depths, make sure that measuring tape attached to probe is decontaminated.

3. When using a vacuum truck, the following procedures will be followed to minimize possibility of cross-contamination.
 - a. Place clean dedicated stingers into each well before purging.
 - b. Check backflow preventers, start vacuum and connect vacuum hose to dedicated stinger.
 - c. While vacuum is still applied, disconnect hose from stinger.
4. When using submersible pumps be sure to decontaminate discharge tubing, control wires and pull ropes.
5. When collecting groundwater samples, use personal decontamination and nitrile (or comparable) gloves to minimize possibility of cross-contamination.

Exhibit 9
Limitations

Exhibit 9

LIMITATIONS

Kleinfelder performed the services for this project in accordance with the Standard Procurement Agreement with the ExxonMobil Oil Corporation (signed on June 21, 2007) and consistent with professional standard of care defined as that level of services provided by similar professionals under like circumstances. No guarantee or warranty is expressed or implied. There is no investigation that is thorough enough to preclude the presence of materials at the site, which presently, or in future, may be considered hazardous. Because regulatory criteria may change, acceptable concentrations of contaminants present at the time of investigation may in the future become subject to different regulatory standards.

This report may be used only by the client, in accordance with our contract, only for the purposes stated, and within a reasonable time from its issuance. If the intended period for usage is greater than one year from the issuance date, ExxonMobil recognizes that land use, site conditions (both on and off site) or other factors may change over time, and additional work may be required. Any party other than ExxonMobil, or their assignees who wish to use this report, shall notify both ExxonMobil and Kleinfelder prior to such intended use to obtain written approval from both parties. Based on the intended use of the report, Kleinfelder or ExxonMobil may require that additional work be performed and an updated report be issued. At Kleinfelder's sole discretion, written approval may be withheld pending re-performance or acceptance of a written liability waiver.

Exhibit 10

Monitoring Well Sampling Forms



Monitoring Well Sampling Form

Job Name:	Jalk Fee	Date:	10/24/08
Job Number:	89944 98427	Employee:	Jason
Job Location:	10607 Norwalk Boulevard, Santa Fe Springs, California		

Measurements are from top of casing Casing volume: 2" = 0.16 g/ft., 3" = 0.36 g/ft., 4" = 0.65 g/ft., 6" = 1.5 g/ft. Boring volume: 2" = 0.78 g/ft., 4" = 1.51 g/ft.

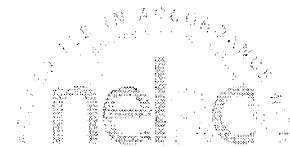
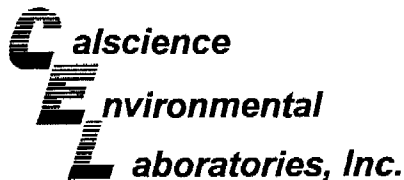
Well ID: MW04	Diameter: 4"	80% Recovery (ft.):	DTW when sampled (ft.):				
Sample Time:	340	Water Column (ft.):	Dissolved Oxygen:	mg/L			
LPH Depth (ft.):		Casing Volume (gal):	Oxygen Reduction Potential:	mV			
Water Depth (ft.):	84.13	Purge Volume (gal):					
Total Depth (ft.):	103.65						
Time	Sample	Volume (gallons)	Temp (C)	pH	Cond. (mS/cm)	Turbidity (NTU)	Remarks:
1340			25.3	6.13	-297	999.0*	NO PURGE

Well ID: MW05	Diameter: 4"	80% Recovery (ft.):	DTW when sampled (ft.):				
Sample Time:	1315	Water Column (ft.):	Dissolved Oxygen:	mg/L			
LPH Depth (ft.):		Casing Volume (gal):	Oxygen Reduction Potential:	mV			
Water Depth (ft.):	85.19	Purge Volume (gal):					
Total Depth (ft.):	106.35						
Time	Sample	Volume (gallons)	Temp (C)	pH	Cond. (mS/cm)	Turbidity (NTU)	Remarks:
1316			25.7	6.21	134	999.0*	NO PURGE

* EQUIPMENT MALFUNCTION

Exhibit 11

Analytical Laboratory Data Sheets



October 31, 2008

Jeff Hensel
Kleinfelder, Inc.
1220 Research Drive, Suite B
Redlands, CA 92374-4563

Subject: **Calscience Work Order No.: 08-10-2236**
Client Reference: **ExxonMobil JALK FEE 89911**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 10/24/2008 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

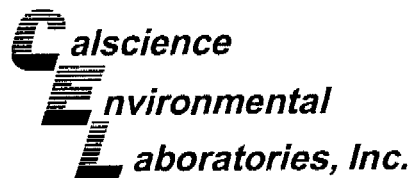
Note that the Chain-of-Custody Record and Sample Receipt Form are integral parts of this report.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in cursive script, appearing to read "Cecile deGuia".

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager



CASE NARRATIVE

CalScience Work Order No.: 08-10-2236
Client Reference: ExxonMobil JALK FEE 89911

Sample MW05 was analyzed by 8260B VOCs + Oxygenates using a vial that contained headspace bubble greater than ¼ inch in diameter.

A handwritten signature in black ink, appearing to be 'M. L. ...', is located at the bottom left of the page.

Analytical Report

Kleinfelder, Inc.
 1220 Research Drive, Suite B
 Redlands, CA 92374-4563

Date Received: 10/24/08
 Work Order No: 08-10-2236
 Preparation: EPA 5030B
 Method: EPA 8260B
 Units: ug/L

Project: ExxonMobil JALK FEE 89911

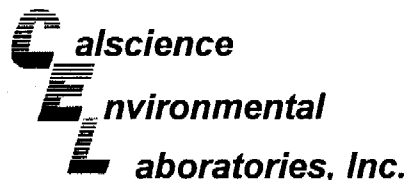
Page 1 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW05	08-10-2236-1-A	10/24/08 13:15	Aqueous	GC/MS Q	10/28/08	10/29/08 03:48	081028L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	250	46	5		1,1-Dichloropropene	ND	5.0	1.3	5	
Benzene	ND	2.5	1.4	5		c-1,3-Dichloropropene	ND	2.5	1.4	5	
Bromobenzene	ND	5.0	1.7	5		t-1,3-Dichloropropene	ND	2.5	1.8	5	
Bromochloromethane	ND	5.0	3.5	5		Ethylbenzene	ND	5.0	1.1	5	
Bromodichloromethane	ND	5.0	1.7	5		2-Hexanone	ND	50	34	5	
Bromoform	ND	5.0	2.8	5		Isopropylbenzene	ND	5.0	1.1	5	
Bromomethane	ND	50	21	5		p-Isopropyltoluene	ND	5.0	1.3	5	
2-Butanone	ND	50	35	5		Methylene Chloride	ND	50	13	5	
n-Butylbenzene	ND	5.0	1.4	5		4-Methyl-2-Pentanone	ND	50	22	5	
sec-Butylbenzene	ND	5.0	1.0	5		Naphthalene	ND	50	13	5	
tert-Butylbenzene	ND	5.0	1.4	5		n-Propylbenzene	ND	5.0	4.0	5	
Carbon Disulfide	ND	50	9.6	5		Styrene	ND	5.0	1.5	5	
Carbon Tetrachloride	ND	2.5	2.1	5		1,1,1,2-Tetrachloroethane	ND	5.0	1.8	5	
Chlorobenzene	ND	5.0	1.1	5		1,1,2,2-Tetrachloroethane	ND	5.0	2.2	5	
Chloroethane	ND	25	6.4	5		Tetrachloroethene	510	5.0	2.6	5	
Chloroform	1.8	5.0	1.7	5	J	Toluene	ND	5.0	1.6	5	
Chloromethane	ND	50	2.4	5		1,2,3-Trichlorobenzene	3.0	5.0	1.5	5	J,B
2-Chlorotoluene	ND	5.0	2.8	5		1,2,4-Trichlorobenzene	ND	5.0	2.4	5	
4-Chlorotoluene	ND	5.0	1.1	5		1,1,1-Trichloroethane	ND	5.0	2.2	5	
Dibromochloromethane	ND	5.0	2.4	5		1,1,2-Trichloro-1,2,2-Trifluoroethane	15	50	3.2	5	J
1,2-Dibromo-3-Chloropropane	ND	25	16	5		1,1,2-Trichloroethane	ND	5.0	2.7	5	
1,2-Dibromoethane	ND	5.0	2.3	5		Trichloroethene	100	5.0	1.5	5	
Dibromomethane	ND	5.0	2.9	5		Trichlorofluoromethane	6.6	50	1.6	5	J
1,2-Dichlorobenzene	ND	5.0	1.4	5		1,2,3-Trichloropropane	ND	25	6.7	5	
1,3-Dichlorobenzene	ND	5.0	1.4	5		1,2,4-Trimethylbenzene	ND	5.0	1.2	5	
1,4-Dichlorobenzene	1.2	5.0	1.1	5	J	1,3,5-Trimethylbenzene	ND	5.0	1.2	5	
Dichlorodifluoromethane	ND	5.0	2.5	5		Vinyl Acetate	ND	50	35	5	
1,1-Dichloroethane	29	5.0	1.9	5		Vinyl Chloride	ND	2.5	1.6	5	
1,2-Dichloroethane	5.4	2.5	1.6	5		Xylenes (total)	ND	5.0	2.3	5	
1,1-Dichloroethene	130	5.0	2.0	5		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1.5	5	
c-1,2-Dichloroethene	96	5.0	2.4	5		Tert-Butyl Alcohol (TBA)	ND	50	18	5	
t-1,2-Dichloroethene	3.1	5.0	2.0	5	J	Diisopropyl Ether (DIPE)	ND	10	1.5	5	
1,2-Dichloropropane	ND	5.0	1.9	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	1.3	5	
1,3-Dichloropropane	ND	5.0	1.9	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	1.4	5	
2,2-Dichloropropane	ND	5.0	2.3	5		Ethanol	ND	500	220	5	
Surrogates:	REC (%)	Control Limits		Qual		Surrogates:	REC (%)	Limits			Qual
Dibromofluoromethane	109	82-130				1,2-Dichloroethane-d4	107	75-141			
Toluene-d8	100	83-113				1,4-Bromofluorobenzene	91	70-118			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



Kleinfelder, Inc.
1220 Research Drive, Suite B
Redlands, CA 92374-4563

Date Received: 10/24/08
Work Order No: 08-10-2236
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: ExxonMobil JALK FEE 89911

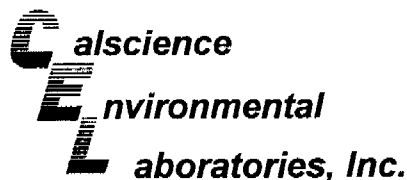
Page 2 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW04	08-10-2236-2-A	10/24/08 13:40	Aqueous	GC/MS Q	10/28/08	10/29/08 04:20	081028L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	9.1	1		1,1-Dichloropropene	ND	1.0	0.26	1	
Benzene	ND	0.50	0.28	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Bromobenzene	ND	1.0	0.33	1		t-1,3-Dichloropropene	ND	0.50	0.36	1	
Bromochloromethane	ND	1.0	0.69	1		Ethylbenzene	ND	1.0	0.22	1	
Bromodichloromethane	ND	1.0	0.33	1		2-Hexanone	ND	10	6.9	1	
Bromoform	ND	1.0	0.55	1		Isopropylbenzene	ND	1.0	0.23	1	
Bromomethane	ND	10	4.3	1		p-Isopropyltoluene	ND	1.0	0.26	1	
2-Butanone	ND	10	6.9	1		Methylene Chloride	ND	10	2.6	1	
n-Butylbenzene	ND	1.0	0.28	1		4-Methyl-2-Pentanone	ND	10	4.4	1	
sec-Butylbenzene	ND	1.0	0.20	1		Naphthalene	ND	10	2.5	1	
tert-Butylbenzene	ND	1.0	0.28	1		n-Propylbenzene	ND	1.0	0.79	1	
Carbon Disulfide	ND	10	1.9	1		Styrene	ND	1.0	0.30	1	
Carbon Tetrachloride	ND	0.50	0.43	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.35	1	
Chlorobenzene	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.44	1	
Chloroethane	ND	5.0	1.3	1		Tetrachloroethene	26	1.0	0.51	1	
Chloroform	1.3	1.0	0.33	1		Toluene	ND	1.0	0.33	1	
Chloromethane	ND	10	0.49	1		1,2,3-Trichlorobenzene	0.36	1.0	0.31	1	J,B
2-Chlorotoluene	ND	1.0	0.55	1		1,2,4-Trichlorobenzene	ND	1.0	0.49	1	
4-Chlorotoluene	ND	1.0	0.21	1		1,1,1-Trichloroethane	ND	1.0	0.45	1	
Dibromochloromethane	ND	1.0	0.48	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	2.0	10	0.64	1	J
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dibromoethane	ND	1.0	0.47	1		Trichloroethene	27	1.0	0.30	1	
Dibromomethane	ND	1.0	0.59	1		Trichlorofluoromethane	0.82	10	0.31	1	J
1,2-Dichlorobenzene	ND	1.0	0.27	1		1,2,3-Trichloropropane	ND	5.0	1.3	1	
1,3-Dichlorobenzene	ND	1.0	0.28	1		1,2,4-Trimethylbenzene	ND	1.0	0.24	1	
1,4-Dichlorobenzene	0.25	1.0	0.21	1	J	1,3,5-Trimethylbenzene	ND	1.0	0.23	1	
Dichlorodifluoromethane	ND	1.0	0.49	1		Vinyl Acetate	ND	10	7.1	1	
1,1-Dichloroethane	4.5	1.0	0.37	1		Vinyl Chloride	ND	0.50	0.33	1	
1,2-Dichloroethane	0.53	0.50	0.31	1		Xylenes (total)	ND	1.0	0.45	1	
1,1-Dichloroethene	45	1.0	0.40	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.30	1	
c-1,2-Dichloroethene	5.8	1.0	0.49	1		Tert-Butyl Alcohol (TBA)	ND	10	3.5	1	
t-1,2-Dichloroethene	ND	1.0	0.40	1		Diisopropyl Ether (DIPE)	ND	2.0	0.31	1	
1,2-Dichloropropane	4.1	1.0	0.38	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.27	1	
1,3-Dichloropropane	ND	1.0	0.38	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.28	1	
2,2-Dichloropropane	ND	1.0	0.46	1		Ethanol	ND	100	43	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	LLimits			Qual	
Dibromofluoromethane	110	82-130			1,2-Dichloroethane-d4	106	75-141				
Toluene-d8	100	83-113			1,4-Bromofluorobenzene	88	70-118				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



Kleinfelder, Inc.
1220 Research Drive, Suite B
Redlands, CA 92374-4563

Date Received: 10/24/08
Work Order No: 08-10-2236
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: ExxonMobil JALK FEE 89911

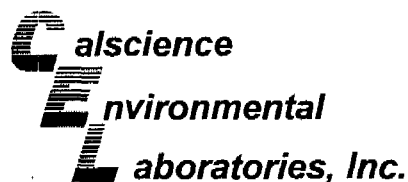
Page 3 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-10-006-27,296	N/A	Aqueous	GC/MS Q	10/28/08	10/29/08 01:06	081028L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	9.1	1		1,1-Dichloropropene	ND	1.0	0.26	1	
Benzene	ND	0.50	0.28	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Bromobenzene	ND	1.0	0.33	1		t-1,3-Dichloropropene	ND	0.50	0.36	1	
Bromochloromethane	ND	1.0	0.69	1		Ethylbenzene	ND	1.0	0.22	1	
Bromodichloromethane	ND	1.0	0.33	1		2-Hexanone	ND	20	6.9	1	
Bromoform	ND	1.0	0.55	1		Isopropylbenzene	ND	1.0	0.23	1	
Bromomethane	ND	10	4.3	1		p-Isopropyltoluene	ND	1.0	0.26	1	
2-Butanone	ND	10	6.9	1		Methylene Chloride	ND	10	2.6	1	
n-Butylbenzene	ND	1.0	0.28	1		4-Methyl-2-Pentanone	ND	10	4.4	1	
sec-Butylbenzene	ND	1.0	0.20	1		Naphthalene	ND	10	2.5	1	
tert-Butylbenzene	ND	1.0	0.28	1		n-Propylbenzene	ND	2.0	0.79	1	
Carbon Disulfide	ND	10	1.9	1		Styrene	ND	1.0	0.30	1	
Carbon Tetrachloride	ND	0.50	0.43	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.35	1	
Chlorobenzene	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.44	1	
Chloroethane	ND	5.0	1.3	1		Tetrachloroethene	ND	1.0	0.51	1	
Chloroform	ND	1.0	0.33	1		Toluene	ND	1.0	0.33	1	
Chloromethane	ND	10	0.49	1		1,2,3-Trichlorobenzene	0.61	1.0	0.31	1	J
2-Chlorotoluene	ND	1.0	0.55	1		1,2,4-Trichlorobenzene	0.53	1.0	0.49	1	J
4-Chlorotoluene	ND	1.0	0.21	1		1,1,1-Trichloroethane	ND	1.0	0.45	1	
Dibromochloromethane	ND	1.0	0.48	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.64	1	
1,2-Dibromo-3-Chloropropane	ND	10	3.1	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dibromoethane	ND	1.0	0.47	1		Trichloroethene	ND	1.0	0.30	1	
Dibromomethane	ND	1.0	0.59	1		Trichlorofluoromethane	ND	10	0.31	1	
1,2-Dichlorobenzene	ND	1.0	0.27	1		1,2,3-Trichloropropane	ND	5.0	1.3	1	
1,3-Dichlorobenzene	ND	1.0	0.28	1		1,2,4-Trimethylbenzene	ND	1.0	0.24	1	
1,4-Dichlorobenzene	ND	1.0	0.21	1		1,3,5-Trimethylbenzene	ND	1.0	0.23	1	
Dichlorodifluoromethane	ND	1.0	0.49	1		Vinyl Acetate	ND	20	7.1	1	
1,1-Dichloroethane	ND	1.0	0.37	1		Vinyl Chloride	ND	0.50	0.33	1	
1,2-Dichloroethane	ND	0.50	0.31	1		Xylenes (total)	ND	1.0	0.45	1	
1,1-Dichloroethene	ND	1.0	0.40	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.30	1	
c-1,2-Dichloroethene	ND	1.0	0.49	1		Tert-Butyl Alcohol (TBA)	ND	10	3.5	1	
t-1,2-Dichloroethene	ND	1.0	0.40	1		Diisopropyl Ether (DIPE)	ND	2.0	0.31	1	
1,2-Dichloropropane	ND	1.0	0.38	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.27	1	
1,3-Dichloropropane	ND	1.0	0.38	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.28	1	
2,2-Dichloropropane	ND	1.0	0.46	1		Ethanol	ND	100	43	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	1 Limits		Qual		
Dibromofluoromethane	110	82-130			1,2-Dichloroethane-d4	107	75-141				
Toluene-d8	101	83-113			1,4-Bromofluorobenzene	88	70-118				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - Spike/Spike Duplicate



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Redlands, CA 92374-4563

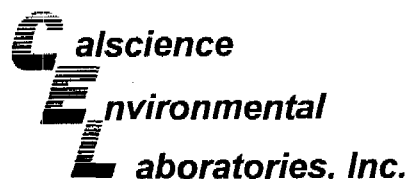
Date Received: 10/24/08
Work Order No: 08-10-2236
Preparation: EPA 5030B
Method: EPA 8260B

Project ExxonMobil JALK FEE 89911

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-10-2350-1	Aqueous	GC/MS Q	10/28/08	10/29/08	081028S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	90	98	88-118	8	0-7	4
Carbon Tetrachloride	81	90	67-145	11	0-11	
Chlorobenzene	94	101	88-118	8	0-7	4
1,2-Dibromoethane	99	104	70-130	5	0-30	
1,2-Dichlorobenzene	91	100	86-116	9	0-8	4
1,1-Dichloroethene	87	98	70-130	11	0-25	
Ethylbenzene	94	102	70-130	8	0-30	
Toluene	89	95	87-123	7	0-8	
Trichloroethene	87	97	79-127	11	0-10	4
Vinyl Chloride	76	85	69-129	11	0-13	
Methyl-t-Butyl Ether (MTBE)	94	101	71-131	7	0-13	
Tert-Butyl Alcohol (TBA)	88	97	36-168	10	0-45	
Diisopropyl Ether (DIPE)	89	91	81-123	2	0-9	
Ethyl-t-Butyl Ether (ETBE)	98	104	72-126	6	0-12	
Tert-Amyl-Methyl Ether (TAME)	105	110	72-126	5	0-12	
Ethanol	86	90	53-149	4	0-31	

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - LCS/LCS Duplicate



Kleinfelder, Inc.
1220 Research Drive, Suite B
Redlands, CA 92374-4563

Date Received: N/A
Work Order No: 08-10-2236
Preparation: EPA 5030B
Method: EPA 8260B

Project: ExxonMobil JALK FEE 89911

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-10-006-27,296	Aqueous	GC/MS Q	10/28/08	10/28/08	081028L02		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	99	100	84-120	78-126	1	0-8	
Carbon Tetrachloride	91	95	63-147	49-161	3	0-10	
Chlorobenzene	103	104	89-119	84-124	1	0-7	
1,2-Dibromoethane	103	105	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	99	100	89-119	84-124	1	0-9	
1,1-Dichloroethene	101	103	77-125	69-133	2	0-16	
Ethylbenzene	107	107	80-120	73-127	0	0-20	
Toluene	98	98	83-125	76-132	0	0-9	
Trichloroethene	104	107	89-119	84-124	3	0-8	
Vinyl Chloride	90	95	63-135	51-147	5	0-13	
Methyl-t-Butyl Ether (MTBE)	96	98	82-118	76-124	2	0-13	
Tert-Butyl Alcohol (TBA)	95	97	46-154	28-172	3	0-32	
Diisopropyl Ether (DIPE)	90	91	81-123	74-130	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	98	99	74-122	66-130	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	106	107	76-124	68-132	0	0-10	
Ethanol	90	88	60-138	47-151	2	0-32	

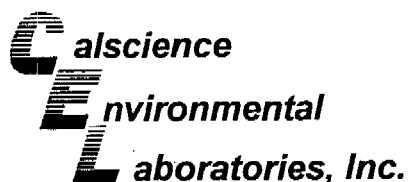
Total number of LCS compounds : 16

Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference, CL - Control Limit



Glossary of Terms and Qualifiers



Work Order Number: 08-10-2236

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Calscience Environmental Laboratories, Inc.

☐ SoCal Laboratory
7440 Lincoln Way
Garden Grove, CA 92641-1427
(714) 895-5494

☐ **NorCal Service Center**
5063 Commercial Circle, Suite H
Concord, CA 94520-8577
(925) 689-9022

CHAIN OF CUSTODY RECORD

Date 10/24/08

Page 1 of 1

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DISTRIBUTION: White with final report, Green and Yellow to Client.

Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the green and Yellow copies respectively.

05/01/07 Revision

Q&Q, Graphic 31898-9702

WORK ORDER #: **08-10-2236****SAMPLE RECEIPT FORM**Cooler 1 of 1CLIENT: KleinfelderDATE: 10/24/08**TEMPERATURE:** (Criteria: 0.0 °C – 6.0 °C, not frozen)Temperature 2.6 °C + 1.8 °C (CF) = 4.4 °C ☐ Blank ☒ Sample☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.☐ Received at ambient temperature, placed on ice for transport by Courier.Ambient Temperature: ☐ Air ☐ FilterInitial: [Signature]**CUSTODY SEALS INTACT:**☐ Cooler ☐ _____ ☐ No (Not Intact) ☒ Not PresentInitial: [Signature]☐ Sample ☐ _____ ☐ No (Not Intact) ☒ Not PresentInitial: D.L.**SAMPLE CONDITION:**

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sampler's name indicated on COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct containers and volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper preservation noted on sample label(s).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Volatile analysis container(s) free of headspace.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

CONTAINER TYPE:Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve ☐ EnCores® ☐ TerraCores® ☐ _____Water: ☐ VOA ☒ VOA_h ☐ VOA_{na2} ☐ 125AGB ☐ 125AGB_h ☐ 125AGB_{po4} ☐ 1AGB ☐ 1AGB_{na2}☐ 1AGB_s ☐ 500AGB ☐ 500AGB_s ☐ 250CGB ☐ 250CGB_s ☐ 1PB ☐ 500PB ☐ 500PB_{na} ☐ 250PB☐ 250PB_n ☐ 125PB ☐ 125PB_{znna} ☐ 100PBsterile ☐ 100PB_{na2} ☐ _____ ☐ _____ ☐ _____Air: ☐ Tedlar® ☐ Summa® ☐ _____Checked/Labeled by: D.L.

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Reviewed by: RNPreservative: h:HCL n:HNO₃ na₂:Na₂S₂O₃ na:NaOH po₄:H₃PO₄ s:H₂SO₄ znna:ZnAc₂+NaOHScanned by: D.L.

SAMPLE ANOMALY FORM

SOP T100 081 (09/19/08)